



Dart Hawkesbury
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D5612-3
Job Sheet 168543



Part No: D5612-3

Job Qty: 1 ea

Part Name: Socket



Part Weight: 0 lbs

Job Created: 11/16/17

Due Date: 11/30/17

Type: R+D

Note: D5612 REV.A3 IPP REV:A 17.11.16 NEW ISSUE DD VERF:JFS

Ship Via:

Status: Scheduled

Job Tracking No:

Created By: Mario Poulin

Description:

Priority: Medium

PRELIMINARY ISSUE

DAS
9
9:00

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea		11/29/17	0.00	0.00	Start Up Machining-2		JL 17-12-1
100	Lathe Conv	1 pcs		11/30/17	0.00	0.25	Lathe Conv-1		JL 17-12-1
110	QC	1 pcs		11/30/17	0.00	0.00	QC2 Machining-3		JL 17-12-1
120	QC	1 pcs		11/30/17	0.00	0.00	QC8 Machining-4		JK 17-12-1
130	Packaging	1 pcs		11/30/17	0.00	0.00	Packaging3-2		JK 17-12-1
140	QC21-SA	1 Ea		11/30/17	0.00	0.00	QC21		JK 17-12-1

Part Op Descriptions: 100 - 1- PART OFF TO SIZE AND CHAMFER END AS PER DWG 2- DEBURR

JAN 29 2016

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
90-Start up Operation	671819	1	0	0	0
	5013678	1			

Part Specifications

Specifications could not be found.

Plex 11/16/17 10:46 AM dart.poulin.mario

RDT7-1044-01

POSITIVE RECALL

EFFECTIVE _____ AUTH _____
RELEASED _____ DATE 18-01-26

DAS
9
9:00

@ Rev A
per ECN 17-793

QA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION		AGAINST DEPARTMENT/PROCESS			
	Rework ☐	Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	
	Scrap ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	
	Use-as-is ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	
	Suspected Unapproved ☐	Large Fab ☐	Composite ☐	Supplier ☐		
Date : _____	Step #: _____	QTY Effective : _____			MRB (QSI042) Approval	
Description Work Order Deviation			Disposition			
						Completed By
						Lead hand / Supervisor Approval Verification

Root Cause		
Environment ☐	No Re-verification ☐	Pressure/Forced ☐
Design ☐	Operator ☐	Bending ☐
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐
Equip/Tooling ☐	Supplier ☐	Cracks ☐
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐
Material ☐	Use for Testing ☐	Cuffs ☐
Internal Transport ☐	Poor Information ☐	Crushing ☐
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐
Substation ☐	Process Improvement ☐	Marks/Chatter ☐
Past Expiry Date ☐	Manufacturing Process ☐	
Misidentified ☐	Past Due ☐	OTHER : ☐

Job No: 168543
Mfg Date: 12/02/17

Start up Operation

D5612-3

Change No:

Operation:

Revision:

PART NO:

Socket



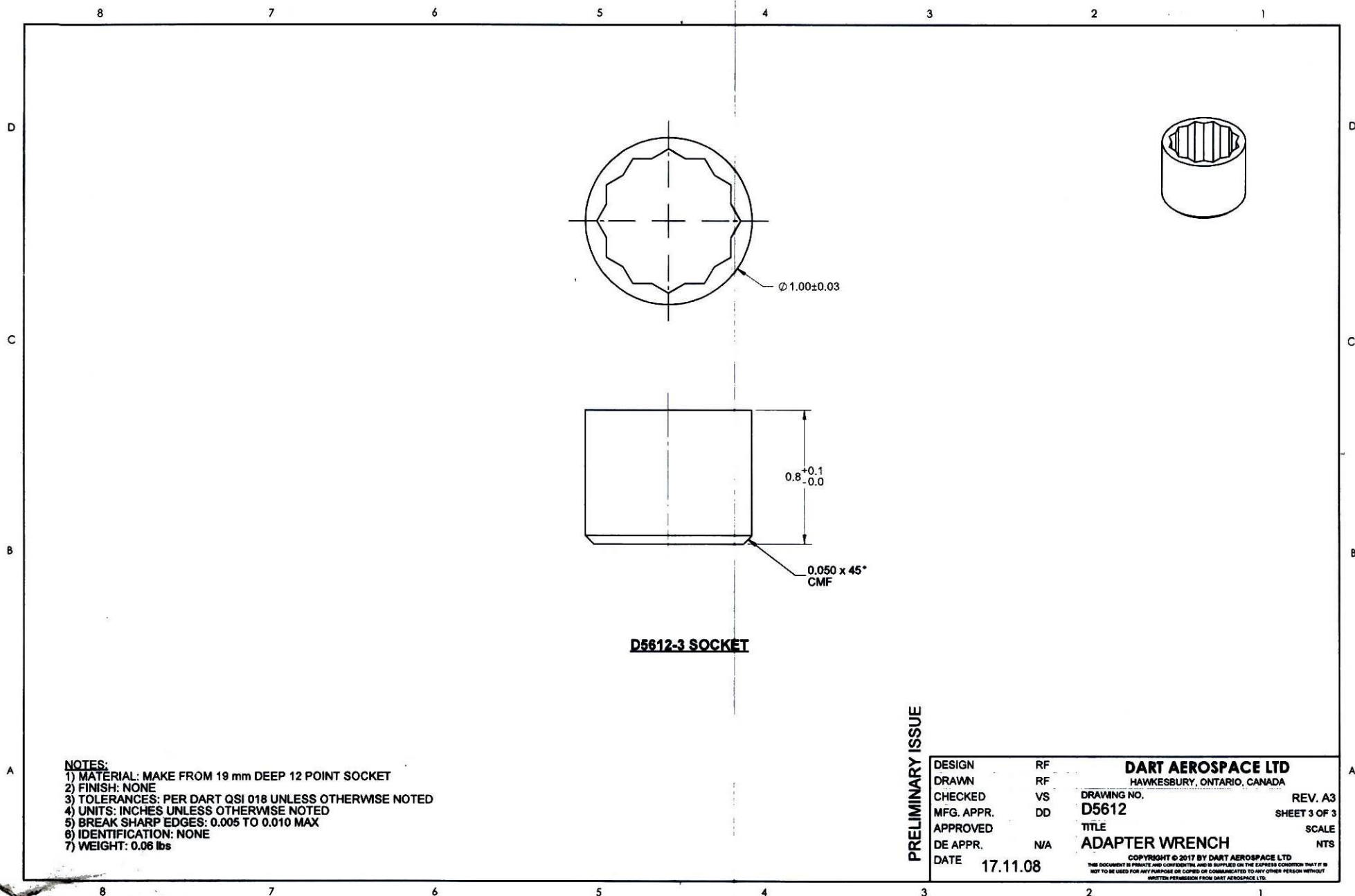
S016546



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Email: sales@dartaero.com
www.dartaerospace.com

FIRST ARTICLE INSPECTION CHECKLIST

Rev	Date	Change	Revised by	Approved
E	10.04.14	Added preliminary approval	KJ	



D5612-3 SOCKET

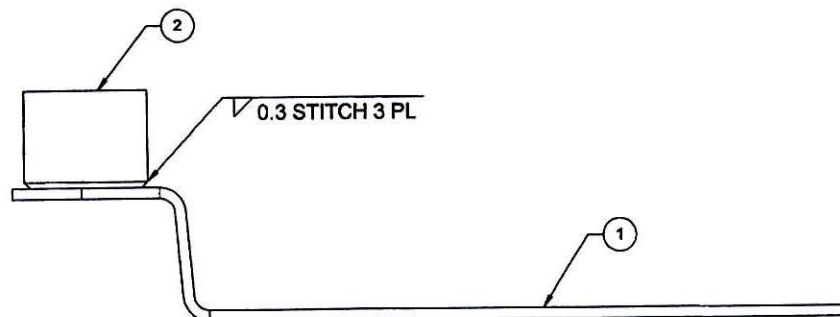
NOTES:

- 1) MATERIAL: MAKE FROM 19 mm DEEP 12 POINT SOCKET
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.06 lbs

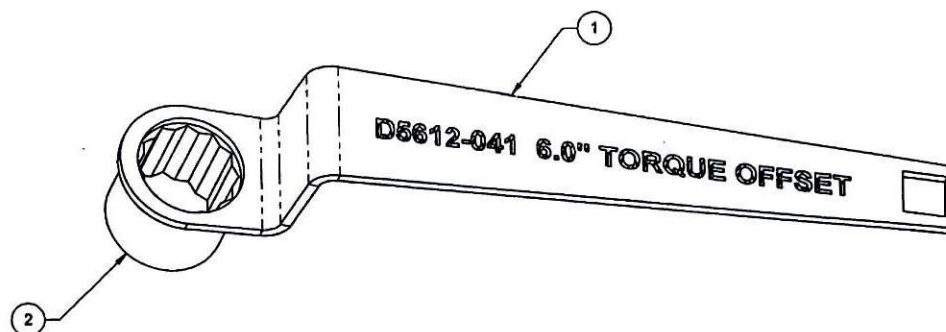
PRELIMINARY ISSUE

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	VS	DRAWING NO.	REV. A3
MFG. APPR.	DD	D5612	SHEET 3 OF 3
APPROVED		TITLE	SCALE
DE APPR.	N/A	ADAPTER WRENCH	NTS
DATE	17.11.08	COPYRIGHT © 2017 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

ITEM	QTY	P/N	DESCRIPTION
	X	D5612-041	ADAPTER WRENCH
1	1	D5612-1	WRENCH HANDLE
2	1	D5612-3	SOCKET



D5612-041 AUXILIARY VIEW



D5612-041 ADAPTER WRENCH

NOTES:

- 1) MATERIAL: NONE
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.20 lbs

RELEASED
2018-01-08
EAW A-793

APPROVED

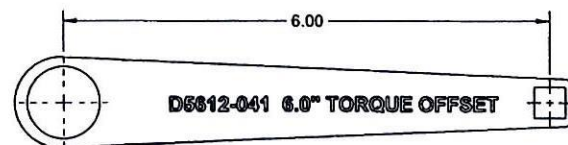
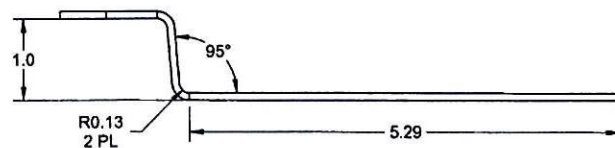
A	NEW ISSUE	RF	17.11.08
REV.	DESCRIPTION	BY	DATE
DESIGN	RF		
DRAWN	RF		
CHECKED	VS		
MFG. APPR.	DD		
APPROVED	HS		
DE APPR.	N/A		
DATE	17.11.08		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

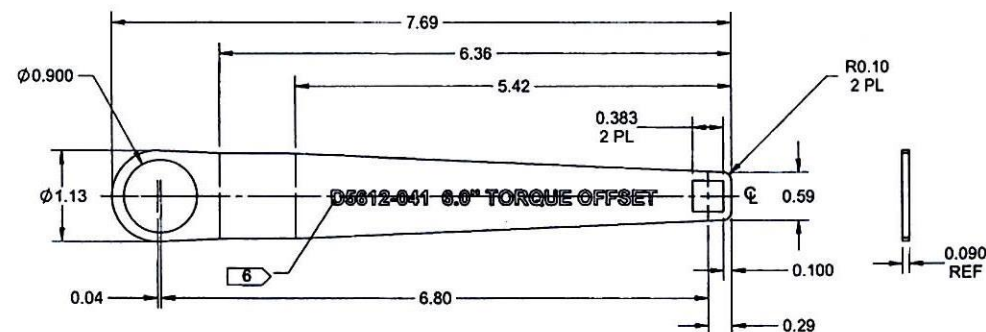
DRAWING NO. **D5612** REV. A
SHEET 1 OF 3

TITLE **ADAPTER WRENCH** SCALE NTS

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D5612-1 WRENCH HANDLE
(MAKE FROM D5612-1F)



D5612-1F FLAT PATTERN

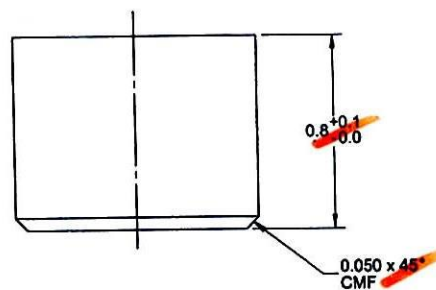
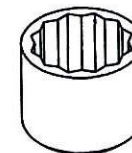
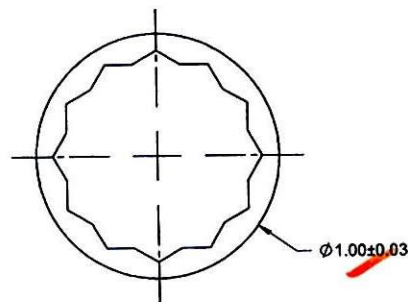
NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS SHEET, 0.090 THK, ANNEALED
PER MIL-S-5059 AMS 5513 (304) OR AMS 5524 (316)
OR ASTM A240 OR ASME SA240
REF DART SPEC M304S13GA
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: ENGRAVE D5612-041 6.0" TORQUE OFFSET AS SHOWN
- 7) WEIGHT: 0.15 lbs
- 8) ALL NON DIMENSIONED FEATURES CONTROLLED BY D5612-1.DXF REV. A

RELEASED
2018-01-08

APPROVED

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DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	VS	DRAWING NO.	REV. A
MFG. APPR.	DD	D5612	SHEET 2 OF 3
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DE APPR.	N/A	ADAPTER WRENCH	NTS
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D5612-3 SOCKET

NOTES:

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- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.06 lbs

RELEASED
2010-01-08

APPROVED

DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	VS	DRAWING NO.	REV. A
MFG. APPR.	DD	D5612	SHEET 3 OF 3
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